

Agenda

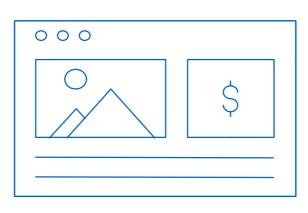
- 1. Industry Perspective
- 2. How Big Is The Problem?
- 3. Virtuous Cycle & Economics of Policing
- 4. How To Manage Traffic & Ad Quality

Industry Perspective On Market Quality



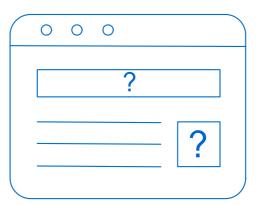
95%

Programmatic advertising offers good value for money



84%

If quality issues were resolved investment in programmatic would increase



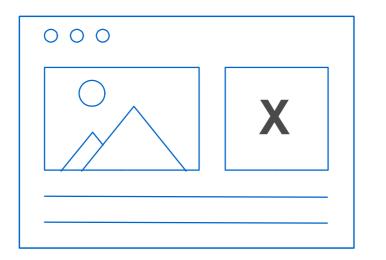
94%

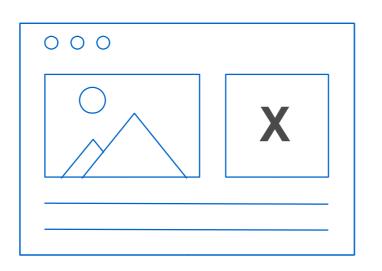
Marketplace quality is a serious issue in programmatic

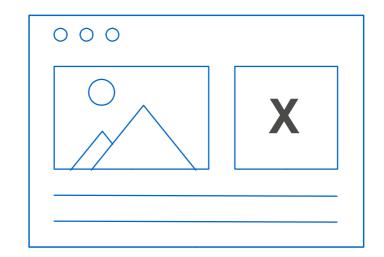
How Big Is The Problem?

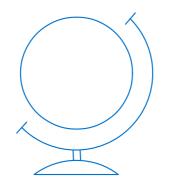
9.1%

Of online display ads are fraudulent in Europe







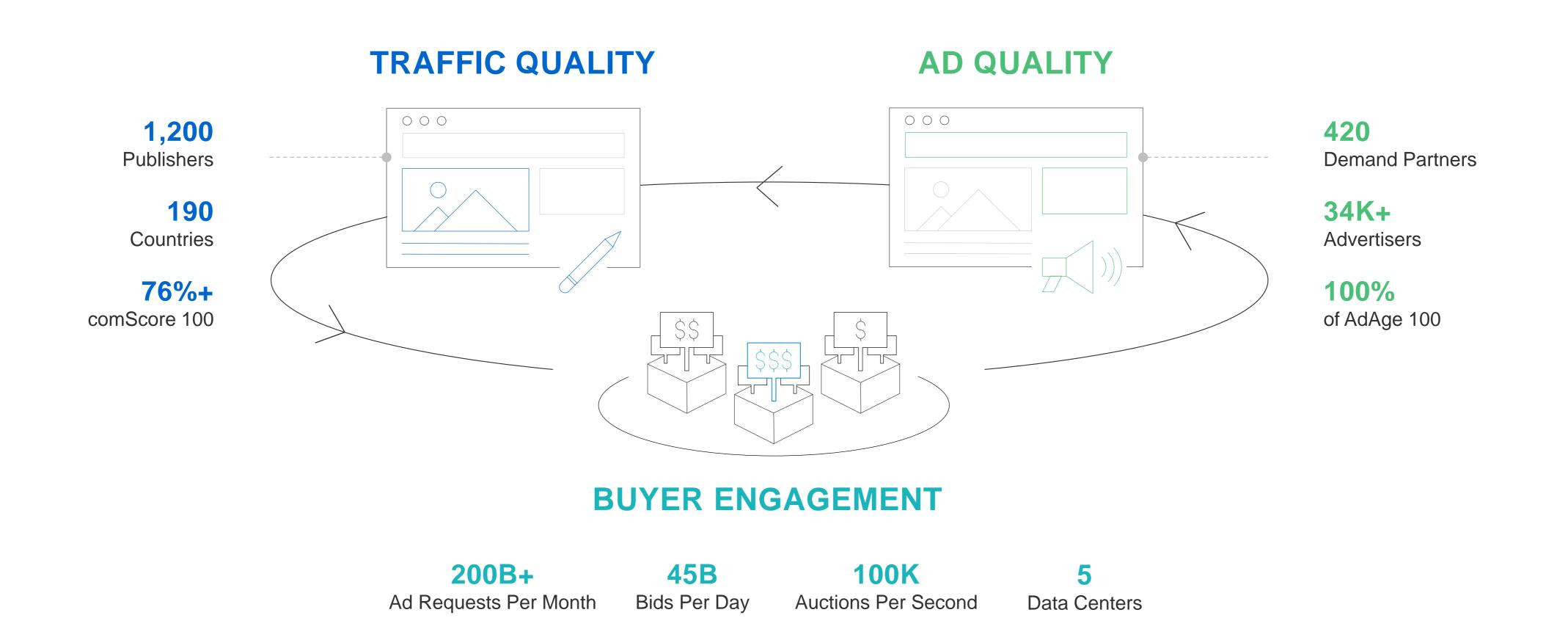


Global advertisers lost \$6.3 Billion to bots in 2015

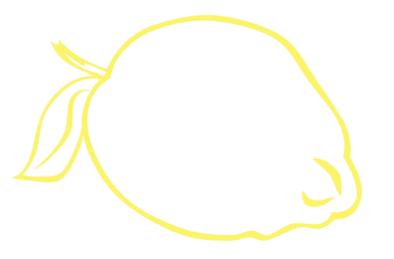
Virtuous Cycle of Quality

Exchanges thrive on quality and scale.

We believe that translates into brand equity for advertisers and higher revenue for publishers.



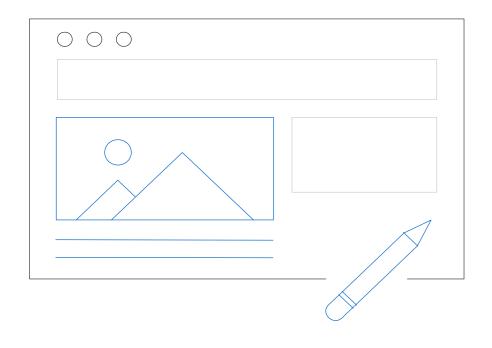
Economics of Not Policing Marketplaces



LEMON THEORY

Introducing lower quality inventory and/or greater uncertainty (information asymmetry) leads to reduced seller differentiation. Higher quality inventory then flees and the market deteriorates.

PUBLISHERS





















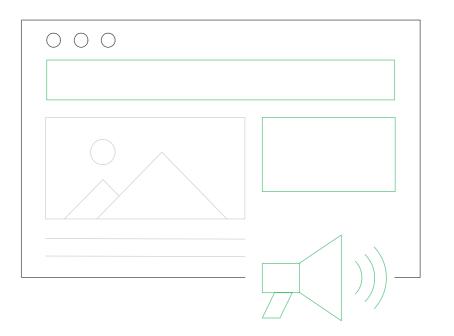








ADVERTISER



How to Manage Traffic Quality Strictly & Proactively

What is Traffic Quality?

How Do We Address?

What Is The Result?

Brand SafetyIs the site safe?

Fraud Detection Is the traffic real?

Viewability
Is the ad seen?



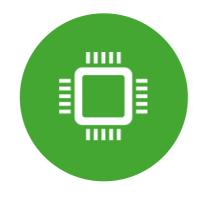
Preventive Measures

One third of all sites fail to meet our quality standards



Dedicated TQ Team

Reviews data, performs audits and ensures compliance

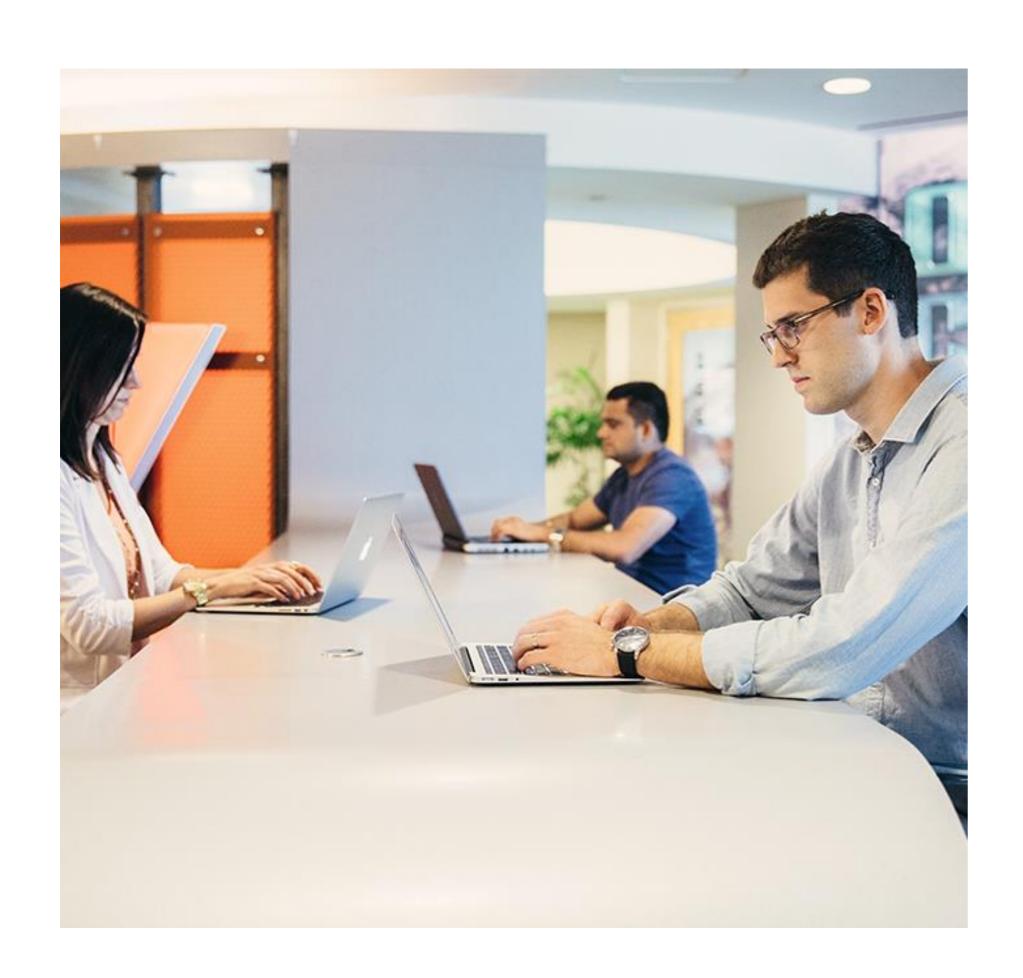


Proprietary Technology

Real-time filtration system eliminates fraudulent traffic

39% Sites blocked 99% Transparent URLs 10+B Ad requests rejected due to fraud

How We Manage Ad Quality Strictly & Proactively





Preventive Measures

Our in-house Ad Quality experts vet all demand partners and monitor creatives for compliance with our strict <u>Demand Policy</u>.



Malware Protection

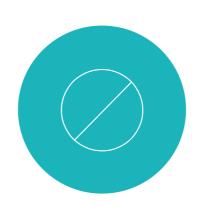
We augment our internal capabilities with best-of-breed third-party services like

The Media Trust to continuously scan tags for malware, auto-audio and other issues.



Creative Scanner

Continuously captures ads running on your sites and records all pertinent information about all ads.



Creative Review Portal

Enables our ad quality team to ID and block unwanted ads.

What Our Partners Say

Condé Nast UK

"We were confident working with a partner like OpenX because quality control is built into the foundation of their Ad Exchange, giving publishers the ability to systematically block individual buyers, creative and content categories."

Malcolm Attwells | Digital Commercial Director

Industry-Leading Quality Drives Value

Independently Accredited by the Trustworthy Accountability Group #1 Inventory Quality as Measured by Pixalate for 6 straight months

www.pixalate.com

SELLER RANKINGS	FINAL SCORE	VIEWABILITY SCORE	FRAUD SCORE	ENGAGEMENT SCORE	MASKING SCORE	NETWORK Score	INVENTORY SCORE	MALWARE SCORE
1 Open X	93	75 A	95 A	88 A	97 A	90 A	95 A	96 C
2 Rubicon Project	92	81 A	93 A	89 A	95 A	87 A	95 A	98 B
3 Google AdExchange	92	94 A	95 A	78 A	97 A	99 A	95 A	95 C
4 Centro Brand Exchange	88	79 A	89 A	90 A	98 A	69 A	92 A	99 A
5 LinkedIn Network Display	87	87 A	88 A	73 B	98 A	71 A	98 A	99 A
6 Digital Throttle	85	80 A	93 A	93 A	84 B	59 A	92 A	99 A
7 Sovrn	84	62 B	92 A	85 A	99 A	66 A	79 A	99 A
8 The Blogger Network	84	87 A	96 A	66 B	97 A	60 A	82 A	98 B
9 PulsePoint	82	65 B	92 A	63 B	81 B	86 A	70 A	96 C
10 Gourmet Ads	82	94 A	94 A	87 A	98 A	74 A	84 A	61 D

